

ABSTRACT

The invention relates to systems and methods for assigning a unique network identifier to one or more programs invoked on a computer. The computer obtains a plurality of network identifiers and associates a first network identifier to a first program invoked on the computer and associates a second network identifier, different from the first network identifier, to a second program invoked on the computer. The program may be a user session hosted by the computer, an application or an application isolation environment. The computer through a network communication interface transmits the first network identifier with the network communication of the first program and transmits the second network identifier with network communication of the second program.